

2007 Ginger Cultivation Trials in Northeast Greenhouse and Hoophouse Conditions

Economics & Record Keeping					
	Unit or Rate	GROUP A Pre-sprouted, Greenhouse cultivated	GROUP B Pre-sprouted, Hoophouse cultivated	Total	
Material Expense	dollars	\$2,386.52	\$940.53		
Labor Time Invested	hours	132	60	192	
Labor Expense	\$25 dollars/hr	\$3,300.00	\$1,500	\$4,800	
Crop Yield	pounds	375	360	735	
Ratio of Seed to Yield	from 60 pounds seed	1:5	1:4.8		
Selling Price	dollar/pound	\$15.00	\$15.00		
Total Sales	dollars	\$5,625.00	\$5,400.00	\$11,025.00	
Total Expenses	dollars	\$5,686.52	\$2,441	\$8,127	
Profit	dollars	-\$61.52	\$2,959	\$2,898	

Detailed Annual Material Costs of Project

Use		Presprouted, Greenhouse Cultivated (Group A)	Presprouted, Hoophouse Cultivated (Group B)	Total
disinfectant	bleach	\$2.00	\$2.00	\$4.00
seed	bulk ginger	\$300.00	\$300.00	\$600.00
liner	fabric	\$150.00	\$0.00	\$150.00
custom mix	lite soil mix	\$422.00	\$0.00	\$422.00
custom mix	peat	\$84.90	\$84.90	\$169.80
fertilizer	5-4-8 granular fertilizer	\$172.50	\$172.50	\$345.00

amendment	lime	\$8.76	\$0.00	\$8.76
amendment	perlite	\$194.50	\$0.00	\$194.50
amendment	vermiculite	\$238.20	\$0.00	\$238.20
amendment	gypsum	\$5.25	\$5.25	\$10.49
amendment	diatomaceous earth	\$40.00	\$40.00	\$80.00
fertilizer	seaweed concentrate	\$9.50	\$9.50	\$19.00
fertilizer	fish emulsion	\$78.95	\$78.95	\$157.90
sales wrapping	wax bags for market sales	\$64.46	\$61.94	\$126.40
sales wrapping	label for wax bag	\$25.50	\$24.50	\$50.00
container	bulb crates	\$90.00	\$0.00	\$90.00
rent	rent (1/4 of greenhouse; 1/5 of hoophouse)	\$500.00	\$161.00	\$661.00
TOTAL MATERIAL EXPENSE:		\$2,386.52	\$940.53	\$3,327